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From: Maggie Feliciano

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Name: U.S. Patent and Trademark Office
Attn: Lynette T. Umez Eronini

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Serial No.: 10/082,010
Inventors: Rajiv SINGH et al.
Docket No.: 5853-224

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Comments/Special Instructions

As you requested, attached please find the Reply to Office Action and related papers faxed to the PTO on May 11, 2006 and a copy of the PTO Auto-Reply Facsimile Transmission dated 5/11/06.

Please do not hesitate to contact me, should you have any questions or need additional information.

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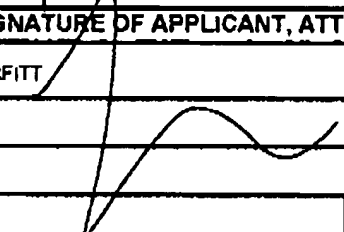
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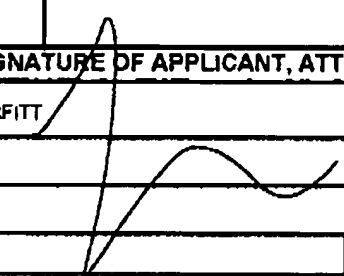
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/082,010
	Filing Date	February 22, 2002
	First Named Inventor	Rajiv K. SINGH
	Art Unit	1785
	Examiner Name	Umez Eronini, Lynette T.
Total Number of Pages in This Submission	Attorney Docket Number	5853-224

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Article (Advances in Chemical-Mechanical Planarization)
Remarks The Commissioner is authorized to charge any fee deficiencies to Deposit Account No. 50-0951		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	AKERMAN SENTERFITT		
Signature			
Printed name	Neil R. Jetter		
Date	May 11, 2006	Reg. No.	46,803

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below			
Signature			
Typed or printed name	Neil R. Jetter	Date	May 11, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04)

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Effective on 12/08/2004 Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). FEE TRANSMITTAL For FY 2005		Complete if Known Application Number 10/082,010 Filing Date February 22, 2002 First Named Inventor Rajiv K. SINGH Examiner Name Umez Eronnu, Lynzee T. Art Unit 1763 Attorney Docket No. 5853-224	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
TOTAL AMOUNT OF PAYMENT (\$ 60.00			

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify) _____
☒ Deposit Account Deposit Account Number 50-0851 Deposit Account Name AKERMAN SENTERFITT
 For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
- 20 or HP =	x	=				
HP = highest number of total claims paid for, if greater than 20						
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)			
- 3 or HP =	x	=				
HP = highest number of independent claims paid for, if greater than 3						

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: Fee for Petition for One-Month Extension of Time (\$80.00)

Fees Paid (\$)

\$80.00

SUBMITTED BY		Registration No. 48,803	Telephone 561-653-5000
Signature		(Attorney/Agent)	
Name (Print/Type) Ned R. Jetter		Date May 11, 2006	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a) FY 2005 <small>(Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818))</small>		Docket Number (Optional) 5853-224	
Application Number 10/082,010		Filed February 22, 2002	
For SLURRY AND METHOD FOR CHEMICAL MECHANICAL POLISHING OF METAL STRUCTURES INCLUDING REFRACTORY METAL BASED BARRIER LAYERS			
Art Unit 1765		Examiner Umez Eronini, Lynette T	

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.

The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):

	<u>Fee</u>	<u>Small Entity Fee</u>	
<input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$120	\$60	\$ <u>60.00</u>
<input type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$450	\$225	\$ _____
<input type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$1020	\$510	\$ _____
<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$1590	\$795	\$ _____
<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$2160	\$1080	\$ _____

☒ Applicant claims small entity status. See 37 CFR 1.27

☐ A check in the amount of the fee is enclosed

☐ Payment by credit card. Form PTO-2038 is attached

☐ The Director has already been authorized to charge fees in this application to a Deposit Account.

☒ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 50-0951. I have enclosed a duplicate copy of this sheet.

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I am the ☐ applicant/inventor

☐ assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed (Form PTO/SB/96).

☒ attorney or agent of record. Registration Number 46,803

☐ attorney or agent under 37 CFR 1.34. Registration number if acting under 37 CFR 1.34 _____

Signature

Neil R. Jetter
Typed or printed name

Date

May 11, 2006
Telephone Number

561-653-5000

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 1 forms are submitted.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of: SINGH et al.

Appln No.: 10/082,010

Examiner: Umez Eronini, Lynette T.

Date Filed: February 22, 2002

Group: 1765

For: SLURRY AND METHOD FOR CHEMICAL MECHANICAL POLISHING
OF METAL STRUCTURES INCLUDING REFRACTORY METAL
BASED BARRIER LAYERS

CERTIFICATE UNDER 37 CFR 1.8(a)
I hereby certify that this correspondence addressed to Mail Stop
Amendment, Commissioner for Patents is being transmitted via
facsimile No. 571-273-8300 on May 11, 2006

Neil R. Jetter Reg No 46,803

REPLY TO OFFICE ACTION

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Reply is responsive to the Office Action mailed January 11, 2006.

Amendments to the Claims are contained in the complete claim listing which appears on
pages 2-7 of this document.

Remarks/arguments begin on page 8 of this document.

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